



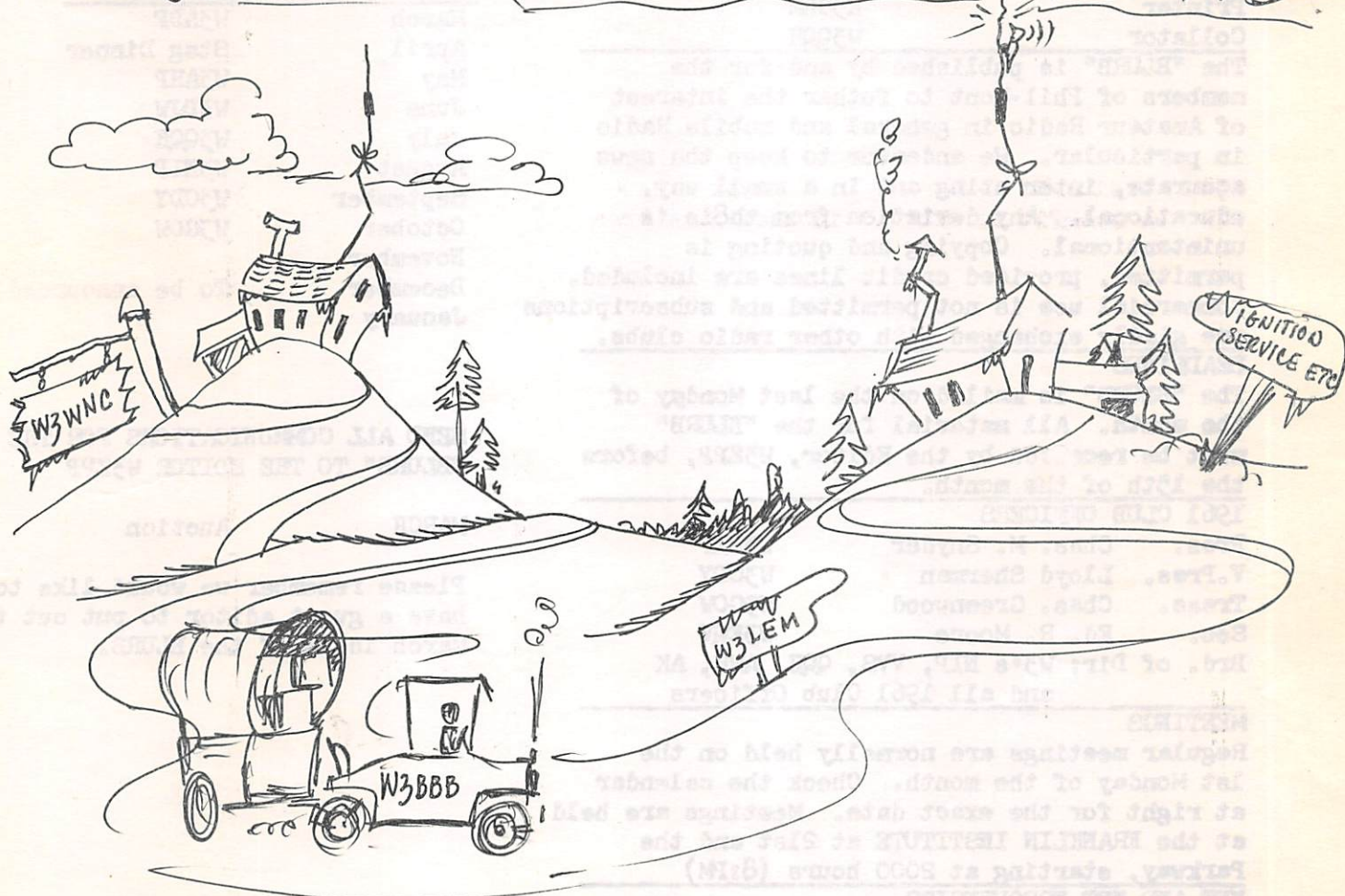
THE BLURB

PHILMONT MOBILE RADIO CLUB INC.

February
1961



THE BLURB MOVES



WHEN W3BBB MOVES...
EVERYTHING GOES!

THE BLURB

Published Monthly by the
Phil-Mont Mobile Radio Club, Inc.

VOLUME 11

February 1961

NO. 1

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Cartoonist W3YHV
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New Members Chairman W3CDY

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Boss Stitcher K3DJE
Printer K3GIM
Collator W3QQH

The "BLURB" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way, educational. Any deviation from this is unintentional. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

HEADLINES

The "BLURB" is mailed on the last Monday of the month. All material for the "BLURB" must be received by the Editor, W3ZPP, before the 15th of the month.

1961 CLUB OFFICERS

Pres. Chas. M. Snyder W3NIP
V. Pres. Lloyd Sherman W3CDY
Treas. Chas. Greenwood W3GOW
Sec. Ed. R. Moore W3EQV
Brd. of Dir: W3's NIP, VWS, QQH, AMH, AX
and all 1961 Club Officers

MEETINGS

Regular meetings are normally held on the 1st Monday of the month. Check the calendar at right for the exact date. Meetings are held at the FRANKLIN INSTITUTE at 21st and the Parkway, starting at 2000 hours (8:PM)

NET AND NET FREQUENCIES

Ch 1 - 294.9 Kcs.
Ch 2 - 296.26 Kcs.
Scrambled Egg Net Weekdays
Ten on Ten Sundays
Blarney Sessions Anytime
294.93 Monitored Daily
for the benefit of mobiles in the Phila area.

FMRC CALENDAR OF EVENTS

February 6th Regular Meeting 8 PM
Franklin Institute

Mid-Month W3QZ0's Bob Thomas
Apt 1406
Mayfair House Lincoln Drive
Date: February 15th 8 PM

COMING MID-MONTH MEETINGS

March	W3ADF
April	Stag Dinner
May	W3AHP
June	W3DJV
July	W3QQH
August	W3NIP
September	W3CDY
October	W3GOW
November	
December	To be announced
January	

SEND ALL COMMUNICATIONS FOR THE
"BLURB" TO THE EDITOR W3ZPP

MARCH Auction

Please remember we would like to have a guest editor to put out the March issue of the BLURB.

THE PREZ SEZ.

There has been a lot of talk lately to the effect that "Channel 1 is not like it used to be." This was an alarming situation, I thought, since Channel 1 activity was a yardstick of the activity of Phil-Mont. I'll find out, I said to myself, why Channel 1 is slipping.

There was lots of evidence: One member was seen on the Expressway with his whip tied down. Another didn't bother to put the rig into his new "Belchfire V-8". Another discovered that WFLN was on AM; another that WRCV had "Big Band Music," still another admitted that he listened to rock and roll on WIBG - perish the thought!

Why bother to listen to the background noise level on Channel 1 with all this entertainment available?

This is no different from before, I thought, although I must admit that I no longer dig into the car radio to attach a converter. When I used to - and added a "TNS" the car radio wasn't much good for music! Maybe I was on the right track or was I??? Aren't these just excuses? I figured these must be just excuses. Well just as I was in the middle of my investigation, my own Channel 1 receiver "conked out" in the car. Now I couldn't hear what was going on or talk to others about this problem of activity on Channel 1. Then came the holidays -- no time to fix the rig -- I almost lost touch with what was going on!

The trouble was small - just a new 12CR6 needed and I was back on! To my amazement the background noise level was gone -- drowned out by activity on Channel 1. Breakers couldn't even get into a contact. Heterodynes from the Northeast were heard in the Southwest. The boys from down town were bothering those coming in on the Expressway. Fixed stations were on too -- W3RQZ and W3TKQ were in there pitching. Now Look at Channel 1!

If you are one of those with an "excuse" try listening in -- and joining in,

The entertainment is even better than on WFLN, WRCV and I dare say a lot better than WIBG!

P.S. If you really have a legitimate cause for staying off the air, let us hear about it. There are hybrid tube TWS circuits, transistor power supplies that really work and other gizmicks available. Share your problem with us -- So it won't keep you from enjoying the new activity on Channel One.

CHUCK W3NLP

BUDGET FOR 1961

INCOME

Dues	600.00
Prize Chances	150.00
Chow	100.00
Auction	80.00
Film Rentals	----
Donations	80.00
TOTAL	\$1010.00

DISBURSEMENTS

Prizes	100.00
Chow	100.00
Banquet Deficit	200.00
Comm Truck - Vehicle Maint (not putt putt)	150.00
Comm Truck - Electronic Maint	100.00
Stationery Supplies	10.00
Special Events	75.00
Flower Fund	40.00
Insurance	25.00
BLURB - EXPENSE	150.00
Base Station Expense	60.00

TOTAL **\$1010.00**

 FINANCIAL REPORT OF 1960

INCOME

Blance Brought Forward	\$399.34
Dues	519.80
Prize Kitty	133.48
Chow	78.85
Film Rental	14.00
Mugs	59.00
Banquet	702.15
Crystals	31.50
Auction	104.75
Misc. (Donations, etc.)	231.25
TOTAL	1874.78
	\$2274.12

DISBURSEMENTS:

Blurb	118.69
Prizes	97.87
Chow	97.02
Comm Truck	390.29
Bank Service Charges	6.64
Comm Truck Equipment	17.50
Flowers	31.20
Banquet	994.27
Base Station	103.28
Crystals	45.27
Insurance	21.20
Auction	20.00
Mugs	50.35
Misc.	19.07
	2012.65

CASH BALANCE DECEMBER 31, 1960 - \$261.47

CHANNEL CHATTER.....

W3JIM has found a new use for blender according to W3SGR. . Vegetables Charlie not
 ce.....W3JIM heard on the frequency trying to promote some cw operation...anyone
 wanting to give it a try give Jay a call he promises to work you at your speed....
 W3AK and W3JYA have donated some radio gear to aid the budding Lower Merion Senior
 High School amateur radio club...mighty fine gesture gents.....If you have something
 in the way of parts or gear that you too would like to pass on to a worthy group, just
 get in touch with W3AWH.....W3RVM/KV4 on vacation and checking in on channel 1 from
 St. Croix, Virgin Islands.....W3QGH having trouble with a mobile rig on six meters,
 heard testing with W3VVS on 50.7 mc'.....Does that frequency ring a bell with any
 of you readers ????? You know that was selected as Channel 4 for PMRC net frequencies
 some time ago, seems like this is going to be a popular frequency so better get that
 six meter gear in shape and start listening around there.....K3GNW and W3DJW now
 walkie-talkie on channel 1.....They offer a special certificate if you work both of
 theses walkie-talkie stations.....W3JHU of North Hills was a visitor to our January
 meeting.....ZSIAB wants to become a member of PMRC. He can't attend three meetings
 so next meeting is in Cape Town, February that is....Barney still offers that cup for
 the first Philmontor to work him mobile to mobile.....W3PKY has new Mosely beam....
 W3SGR is looking for some help to assist him in getting up a new antenna..anyone who
 can climb would be doing Carl a favor...PS his house is half as high as the Empire
 State Bldg.....I hear that W3AK has new mobile rig on SSB..Is this true Tex ?????
 Another DKer who would like to become a member is KP4HM, Ray..We hear hear Ray on
 quite regularly with a nice signal too...Welcome aboard 29.493 anytime Ray.....
 10 on 10 roll call seems to be running quite long these days and it has been suggested
 that some of the dead wood that fail to check in be dropped from roll call...If they
 chose to call in they could do so at the end of th regular calling...I am for that
 being last on ye roll call is sometimes a trying thing. I am all ready at 10 O'clock
 and wait and wait while these birds don't answer up and fellows who miss their regular
 call break-in any time they care to.....Some one listed W3PKY on the visitor
 list last time...You know I am inclined to agree them..better come out more often....
 W3DJV has been doing a lot of phone patch work on Sunday's with KP4HM we under-
 stand Ray is teaching Fred Spanish.....Some one wrote is W3DJV equipped with a special
 week-end card permitting him on the air week-ends only??? Please clarify this Fred
 on 29.493 Monday thru Saturday.....W3QZO I understand has sold his panadapter,
 now if we can only sell the one W3VVS has that should clean up the panadapters we
 have been trying to unload cops, sell.....K3GNW is taking over the duties of the
 coffee and doughnuts at the meetings..Nice going Ernie the club appreciates your efforts
 it is nice to see someone come into the club and take on some of the work instead of
 just sitting back and doing nothing...we have some whose sponsors promised big things
 from them but we are still waiting for them to show the spark.....K3GNW has also said
 that he would get out the new Philmont Directory in April...Has to be in April cause
 you have only until March to get your dues in after that FLUNK you are dropped and do
 not appear on this listing as a member.....25¢..25¢..25¢ please remember that
 figure..that is the amount that everyone who partakes of coffee and doughnuts at the
 meeting should drop in the kitty to take care of the expenses..if you bring a guest
 you should pay fro him... there will be a new sign at the refreshment table just in
 case 25¢..25¢..25¢ has sli ped from your memory.....Bob W3QZO and Al, K3GNW are a
 committee to investigate getting "QST" as a club and earning a fee for treasury...
 Well we sure have had our share of snow this winter and about half of the winter
 still to go, drive carefully and monitor the 29.493 spot on your dial if youare in
 need of assistance...This editor is going to Turkey next month and would most happy
 if someone would be guest Editor for the March issue else there will be none.....
 Due to the retirement of W3WNC, W3JMK has joined the 10 on 10 net control staff and
 will be conducting the net every third Sunday of the month. We regretfully accept
 the resignation of W3WNC who has done a fine job during the last year or so as a NCS
 We feel sure however, that Dick W3JMK will do a fine job of taking Hy's place signed
 W3JIM Philmont 10 On 10 Net Control Chairman.

CLUB EQUIPMENT TO BE INVENTORIED

W3QQH has been named chairman of a committee to inventory all the equipment which is club property. He will be assisted by K3KUD, W3YJM and W3VVS. The list will be available for inspection when it is completed.

AUCTION TO BE HELD IN MARCH

The program for the March meeting will be an auction. This auction is held for the benefit of the club's treasury. Anything that you have that is salesble and willing to donate to club is needed. Start now by cleaning up the shack and see what you have that you won't be using then stick it in a box or a bag and bring it with you to the March meeeing.

SHALL WE RAISE THE DUES ? ? ? ? ?

Phil-Mont Mobile Radio Club Inc. has come to the point where we are considering the possibility of raising the dues for membership. We would like to build a sinking fund of approximately \$100.00. There are times when we have and are going to have expenses for our equipment, such as we have had on the putt putt this past year, perhaps things that we as a club will want to buy if the opportunity presents itself. The banquet price could be increased to add this \$100 in our treasury and be placed in this sinking fund. This year we ended up with about that much less in our treasury that last year at the same time. This is a subject that is going to be discussed in more detail at future meetings. Think about it NOW, attend the meetings and be ready to present your views on the matter when it is brought up again.....

AUDIT COMMITTEE

The auditing committee consisting of W3D\$G, W3GOW, W3OEC and W3EQV met at the home of W3D\$G to audit the books for the year 1960 and turn them over to the new treasurer, W3GOW. Results of this committee's work can be seen on another page of this issue. We owe these men a vote of thanks for giving of their time and talents to make this report for us.

PROGRAM COMMITTEE

Our new program committe for 1961 is made up of Chairman W3AWH, K3DJE and W3CDY. These men will be looking for program material from time to time. If you have anything to offer please let one on them know. If you have any thing you would like to have as a program make these things known also. The committee would like to give you what you want. Cooperation from all will make for an interesting year of programming.

CARRY CLOTHESLINE TO USE AS "CHAINS"

(AAA)

During winter months, every motorist should carry clothesline rope in his car. If the car should get stuck on a slick spot, the rope can be cut up and used as emergency chains. Just tie a couple of pieces around each of the back tires. Once the car is moving, it's not necessary to stop and remove the "Chains."

SWAP AND SHOPPE.....

FOR SALE: MOBILE MASTER MATCHER WITH BUILT-IN FIELD STRENGTHMETER
12 Volt.....\$10.00 W3YHV

FOR SALE: COLLINS 75A-3 Receiver with 3 kc & 850 cycle mechanical filters,
Collins 100 kc frequency standards, broad band filter and matching spkr.
Good as new condition.....\$400.00 WW3QZ0 Tel: VI 8-8112

FOR SALE:
Arc-5 Transmitter and Receiver.....W3XJM

FOR SALE: Simletch Printed Circuit Kits with all materials necessary
for making printed circuits. Includes three 6" X 6" printed circuit
boards with copper both sides, all chemicals and easy-to-follow in-
structions. Price with sales tax, is just \$5.13. Will be sent
postage paid by return mail. Contact W3ZIV at BR 2-6172.

FOR SALE: Lyco Model 600 exciter w/VFO (35 watts); Heath VOK control
unit; RG-8/U, any length, at 10¢ a foot; new BC375E with all tuning
units; BC603 and BC604 receiver and transmitter, 27mc range & complete
W/pwr supp.; Navy CRV receiver 15-600 kccoverage & W/pwr supp.....
Reasonable prices on all above gear. Contact W3BFT Tel: BR 5-
7651.

WANTED: Complete monitor receiver for 29.493. K3KUD Tel: TU 4-1884

DELMONT RADIO CLUB

This Editor received a copy of the "Delmont Rag Chew" which the paper
of the newly formed Delmont Radio Club. They meet at the Firemen's
Relief Association Bldg. in Glenside. They have restricted membership
to 35 members. Must be Male, over 21 years of age and licensed.
Good Luck to this new club and congrats to Ted Williams, W3FOX the
Editor for the nice job he is doing on their news bulletin.....

NEW PEILMONT QSL CARDS FOR SALE

The club has come up with a new and outstanding QSL card for the members
of RMRC. It has the Gambadi emblem four colors, your call letters and
the necessary contact information on it. Be sure to get your order in
as I know that you won't want to miss them. Come out to the February
meeting and see a sample.....Use the below form for an order blank.
PRICE \$4.00 Per Hundred

CALL.
NAME

Address.

AMOUNT

LATE ADDITION TO SWAP AND SHOPPE

FOR SALE:

ARC5 Receiver (BC454 - 3 to 6 mc) ideal for constructing a broad
band Philmont Monitoring set-up -- good condition \$10.00

ARC5 Transmitter (BC696 - 3 to 4 mc) Adaptable thru conversion to
novice band transmitter -- good condition \$10.00

\$15.00 takes the pair.

CHARLIE W3YJM

MI 6-5399

* * * * *

A VOTE OF THANKS

As most of you read through this issue of the "ELURB" you will notice a great many mistakes in typing and spacing etc. This condition exists because for the first time this Editor is typing the whole issue and getting things ready for press for the staff to run off and collate etc. This is my first crack at an electric typewriter, what with not being a typist to begin with it turned out to be a pretty tricky thing for a hunt and peck man.

This all leads up to what I am trying to say. As you all know by this time Hy, W3WNC has given up publishing the "ELURB" and along with that we lost the services of Ann, his wife who used to do the typing and layout. We certainly are going to miss these people and the fine work that they did for us. Year before last Hy won the most valuable member award for his efforts on the "ELURB" and believe me after trying to get this issue out I can appreciate how much he earned this award.

Hy and Ann we thank you and hope that we can continue the "ELURB" with our new publisher W3LEM in the same fine manner that you have done in the past.

Charlie W3ZPP

W3CDY PROGRAM CHAIRMAN FOR FEBRUARY

Those of us who are well acquainted with Lloyd know that we will have an excellent program come February. Lloyd always does an fine job with any activity that he chairman's and I know our February program will be no exception. Be sure to come out and see what W3CDY has in store for us...

NEW MEMBER

We have an application for membership from GEORGE WALKER K3EZJ

Address: 405 Berkley Road, Haverford, Pennsylvania

Tel: MI 9-1718

Wife: Elizabeth

Employed By: Suburban Auto Parts (Sales)

George is mobile and fixed. He is also Radio Officer for Lower Merion Township

Sponsored By: W3AWH and W3UMK

I would like to take this opportunity to offer my public apology to George for now getting this information into the "BLURB" sooner. I was out of town and with the holiday season things sort of piled up and we missed getting this in at the proper time.

DUES FOR THE YEAR 1961 ARE NOW DUE

A word to the wise is sufficient..A good many were on hand at the January meeting and the dues rolled in very nicely keeping our treasurer W3GOW very busy for a while. Those of you who havn't as yet paid your dues please mail them ~~to W3GOW~~ to W3GOW. Our 1961 budget is made and can be seen on another page in this issue that you might see what is being planned for your money and your club.

NEW PUBLISHER

Please note that the "BLURB" has taken on a new publisher, W3LEM has taken on the job. His wife Edna has most generously offered to lend a hand and promises to be a big help. Ed McVaugh lives at 10 N. York Road in Willow Grove. They will be lot's of opportunity for anyone wishing to help out with this task to lend a hand. I would like to thank Jim W3QQH and Bob, K3KUD who on Saturday 14 January came out to W3WNC's and moved the equipment up to W3LEM's.

New Member

We also have an application for membership from Jim Hartman, W3JYA

Address: 1338 Virginia Ave., Havertown, Pa.

Wife: Gloria (S kip)

Employed by: GE, Engineering Dept, 31st and Chestnut Sts .

Jim is mobile and fixed .

Sponsored by:

TEK-NI-GRAM
FEBRUARY 1961
10 METER RECEIVER

This month again the Tek-Ni-Gram must be written in the first person. I want to express my appreciation to the editor of the Blurb and to others for offers of assistance in case of emergency. Luckily I happened to have just built a new mobile receiver and that takes care of this month, however I am now pushing the panic button for next month. P L E A S E!!!!

I had long felt that the super-regenerative detector used in the Heath CB-1 and the "Tenner" just wasn't adequate for 10M under band-open conditions and was too moisy. The new Heath GW-10 with its super-hetrodyne receiver appeared to have possibilities, but I didn't quite trust the 455Kc IF for image rejection. Recently one of the electronics magazines published an 11M converter with broadcast band output using a new GE triple-triode. A combination of these two circuits with the addition of a pentagrid converter seemed to be a solution to my problems.

I mounted the 6BZ8 in place of the existing 6AN8, and replaced the existing receiver coils with the new coils. The speaker was removed from the cabinet, mounted under the dash board, and replaced with a sub-chassis containing the pentagrid converter and the 455Kc IF strip. For a total cost of under \$30.00 I had a double conversion receiver with sensitivity such that 1mv at the antenna causes a rise in the AVC voltage. Selectivity is sufficiently broad for net operations, and sufficiently narrow for band open conditions.

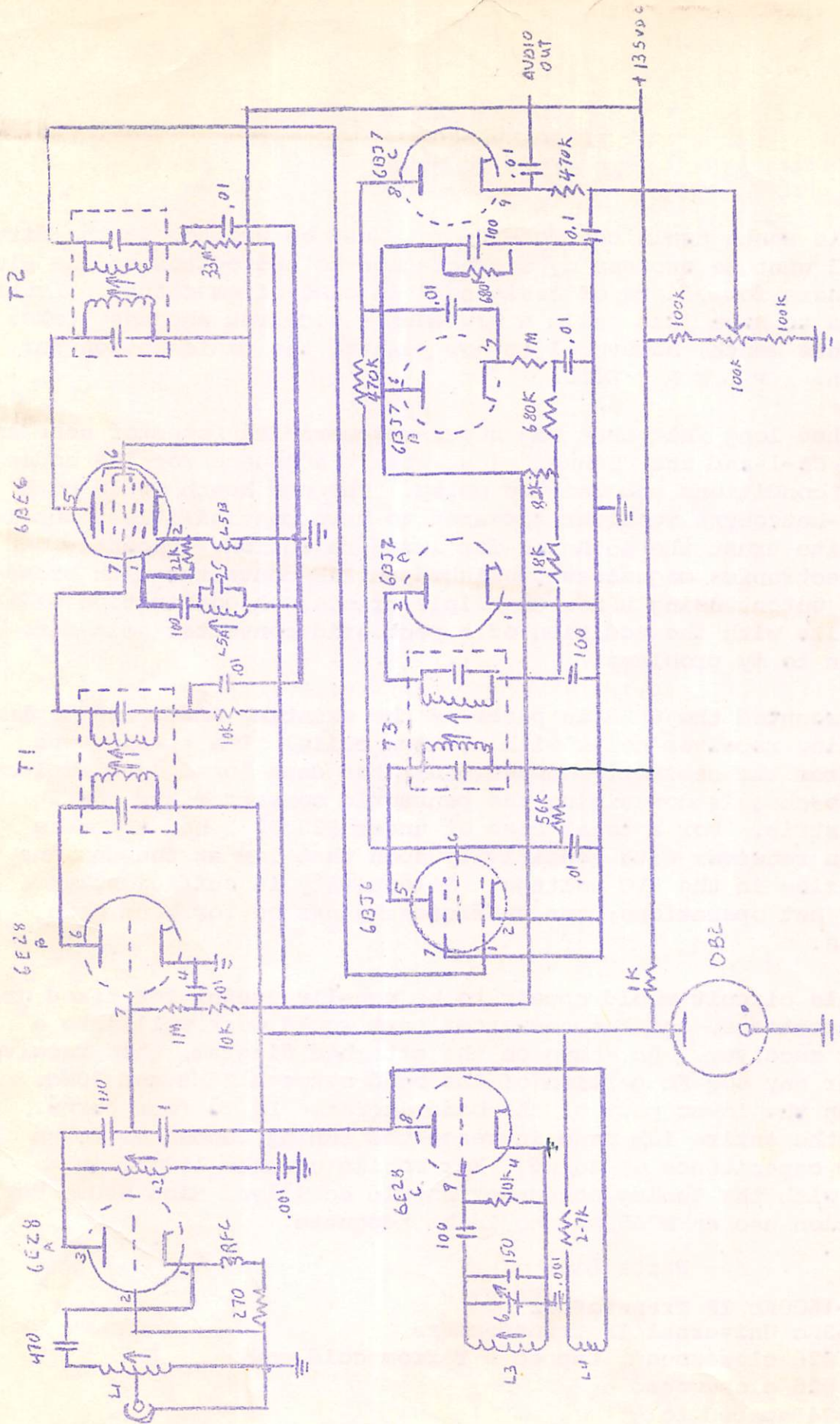
This circuit would appear to be equally useful for fixed or mobile operations, and the converter part would work well into a broadcast receiver. As shown on the attached diagram, this receiver will cover any 400 Kc portion of the band between 26Mc and 30Mc. For use on the lower part of the band increase L3 to four turns. To cover the entire 10M band increase the tuning condenser to an effective capacitance of 25mmf. For mobile use the 150mmf in parallel with the tuning condenser should be Silver Mica NPO. For base station use an N750 SM should be adequate.

Parts List

- T1, 1400-1600Kc IF Transformer
- T2, T3, 455Kc Universal IF Transformers
- L2, 18T, #26 closewound, tapped 6 T from cold end.
- L1, 12, 20T, #26 closewound
- L3, 3T, #24 spaced to $\frac{1}{4}$ "
- L4, 11T, #28 closewound on same form $\frac{1}{4}$ " from L3.

All coils are wound on $\frac{3}{8}$ " slug tuned forms.

- L5, Universal broadcast oscillator coil.



K3HIJ
10 Meter Receiver

Figure 1